

● PRINTER RUSH ●
(PTO ASSISTANCE)

Application : 09374374 Examiner : Armstrong GAU : 2654

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DOC CODE	DOC DATE	MISCELLANEOUS
<input type="checkbox"/> 1449		<input type="checkbox"/> Continuing Data
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[RUSH] MESSAGE:

please supply missing Serial numbers on the following pages:

a) page 9, line 11 ; and

b) page 14, line 6

Thank you

[XRUSH] RESPONSE:

INITIALS: Rey

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REV 10/04

now to the drawings in which like numerals represent the same or similar elements and initially to FIG. 1, a block/flow diagram is shown for a system/method for the implementation of dialog management for a multiple client conversational system 8 in accordance with the present invention. In block 10, various client devices such as a personal computer (PC), telephone, or personal digital assistant (PDA) (or other devices) may all be used as clients. The architecture by which this is accomplished is described in greater detail in commonly assigned U.S.

09374026
Application No. ~~4789~~, Attorney Docket No. Y0999-278 (8728-301) entitled "METHOD AND SYSTEM FOR MULTI-CLIENT ACCESS TO A DIALOG SYSTEM," filed concurrently herewith and incorporated herein by reference. Each of these devices of block 10 has different input modalities. For example, the PC may have a keyboard, mouse, and microphone; the telephone may have a microphone and numeric keypad; the PDA may have a stylus. In block 12, any of these devices may be used to initiate a new command to the system 8 or to respond to a query from the system 8. The conversational system 8 further supports the use of any application the user

completing the command. The dialog manager 14 examines the formal language, extracts the command, and locates a corresponding method. In one embodiment of the present invention, these methods are implemented using independent decision networks, as described in commonly assigned U.S.

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09374744
Application No. ~~(TBD)~~, Attorney Docket No. Y0999-277 (8728-
300) entitled "METHOD AND SYSTEM FOR MODELESS OPERATION OF A
MULTI-MODAL USER INTERFACE THROUGH IMPLEMENTATION OF
10 INDEPENDENT DECISION NETWORKS," filed concurrently herewith
and incorporated herein by reference. The determination of
the correct target 18 proceeds through examination of the
nature of the command and the current context of the system
8. This context may be obtained from the multi-modal
history 16.

15 A component control 20 acts as a "switch yard".
Component control 20 maintains a reference to all currently
active applications. Component control 20 is described in
greater detail in "METHOD AND SYSTEM FOR MULTI-CLIENT ACCESS
20 TO A DIALOG SYSTEM," previously incorporated by reference.
The target 18 determined by the dialog manager 14 is of an
abstract nature. That is, the target 18 refers to a type of